

# EXPLORATION LOG RSAN5-A2

**PROJECT:** TRONOX PHASE B

**PROJECT NO.:** 20092518V1

**EXPLORATION LOCATION:** TRONOX AREA 2

**EXPLORATION DATE:** 8/25/2009

**EXPLORATION SIZE (dia.):** 3" CORE BARREL

**EQUIPMENT:** SDC550-24 SONIC CORE RIG

**ELEVATION:** EXISTING GROUND SURFACE

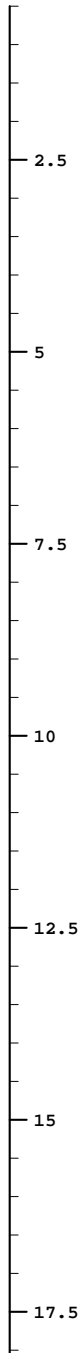
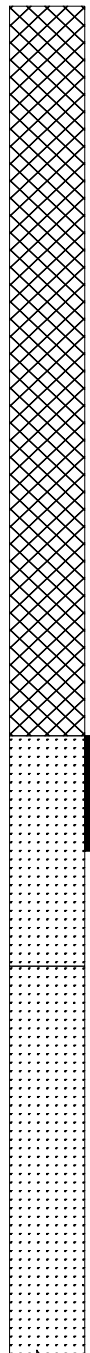
**LOGGED BY:** SEARS/GAREY

**INITIAL DEPTH TO WATER:** NOT ENCOUNTERED

**DATE MEASURED:** N/A

**FINAL DEPTH TO WATER:** NOT ENCOUNTERED

**DATE MEASURED:** N/A

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
		FILL	SAND, SW, strong brown (7.5YR 4/6), 95% fine to coarse sand, approximately 5% fine to coarse, rounded to sub-angular gravel, scattered white caliche layers present, dense, dry, low to no plasticity, moderate HCl reaction, no odor						
		SW	Collect RSAN5-10B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV						
		SW	...dark reddish brown (5YR 3/4), gravel increases to 10%, black, volcanic origin						

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ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION	
20		SW	Collect RSN5-20B, PID readings: 10.6 eV = 0.1 ppmV, 11.7 eV = 0.0 ppmV							
22.5										
25		SP	SAND, brown (7.5YR 4/3), 100% very fine to fine, sub-angular to sub-rounded sand, very dense, dry							
27.5		SW	SAND, strong brown (7.5YR 4/6), 95% fine to coarse sand, approximately 5% fine to coarse, rounded to sub-angular gravel, scattered white caliche layers present, dense, dry, low to no plasticity, moderate HCl reaction, no odor							
30		SP	SAND, reddish yellow (7.5YR 6/8), 95% very fine to fine sand, trace silt, loose, moist, low to medium plasticity, no HCl reaction							
32.5		SP	Collect RSN5-33B, PID readings: 10.6 eV = 0.4 ppmV, 11.7 eV = 0.0 ppmV							
35			END OF BORING AT 34.5 FEET							

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